NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Attorney Docket No.: 111920

Date: February 7, 2002

BOX PATENT APPLICATION

Customer Number: 25944

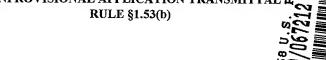
NONPROVISIONAL APPLICATION TRANSMITTA

Director of the U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

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Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

IMPROVED STRUCTURE OF GAS SENSOR ELEMENT DESIGNED TO MINIMIZE

ERROR OF SENSOR OUTPUT

By (Inventors):

Keigo MIZUTANI, Hiroo IMAMURA, Daisuke MAKINO, Akio TANAKA

\bowtie	Formal drawings (Figs. 1-23; 20 sheets) are attached.
	Use Figure for front page of Publication.
X	A Declaration and Power of Attorney is filed herewith.
${f X}$	This patent application is assigned to 1) Denso Corporation 2) Nippon Soken, Inc.
	The executed Assignment is filed herewith.
\boxtimes	An Information Disclosure Statement is filed herewith.
	Entitlement to small entity status is hereby asserted.
	A Preliminary Amendment is filed herewith.
	Please amend the specification by inserting before the first line the sentenceThis nonprovisional application claims
	the benefit of U.S. Provisional Application No, filed
\boxtimes	Priority of foreign applications No. 2001-32533 filed February 8, 2001 in Japan and No. 2001-398749 filed
	December 28, 2001 in Japan are claimed (35 U.S.C. §119).
	A certified copy of the above corresponding foreign application(s) is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies
	that the invention disclosed in this application has not been and will not be the subject of an application filed in
	another country, or under a multilateral international agreement, that requires publication at eighteen months after
	filing

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

The filing fee is calculated below:

FOR:	NO. FILED	NO. EXTRA		
BASIC FEE	7 / J			
TOTAL CLAIMS	15 - 20	= 0*		
INDEP CLAIMS	1 - 3	= 0*		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				

SMALL ENTITY				
RATE	FEE	<u>OR</u>		
	\$ 370	<u>OR</u>		
x 9=	\$	<u>OR</u>		
x 42=	\$	<u>OR</u>		
+ 140 =	\$	<u>OR</u>		
TOTAL	\$	<u>OR</u>		

OTHER THAN A **SMALL ENTITY**

RATE	FEE	
	\$ 740	
x 18	\$	
x 84	\$	
+ 280	\$	
TOTAL	\$ 740	

Check No. 127613 in the amount of \$740.00 to cover the filing fee is attached. Except as otherwise noted herein, the Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

January Control Control

^{*} If the difference is less than zero, enter "0". X